

ABSTRACT OF THE DISCLOSURE

To provide a screw for injection molding and a plasticizing device which can ensure downsizing of the plasticizing device by decreasing an L/D ratio as well as keeping a molten resin to be discharged while stably molten and discharged. In the screw 1a, 1b, 1c, the L/D ratio obtained by dividing an effective length L by an external diameter D is 10 or less, and a flight pitch is designed so that a thread length falls within a range of 30 to 300% of a screw with a square pitch having the same diameter and the L/D ratio of 20 to 24. A torpedo plate 13 with a through-hole is installed in the vicinity of the top end of the screw, inside the through-hole arranged is a spindle-shaped torpedo 12 supported by one or more supporting pieces, and between an internal surface of the through-hole and an outer surface of the torpedo 12, formed is a path 17 of plasticized resin material.